

C/S.



NEWBURN URBAN DISTRICT COUNCIL.

COUNTY OF NORTHUMBERLAND.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND THE

CHIEF SANITARY INSPECTOR

FOR THE YEAR 1940.





OFFICERS OF THE HEALTH DEPARTMENT.

Office.	Officer.	Qualifications.
Medical Officer of Health.	Francis Irvine.	M.B., C.M.
Chief Sanitary Inspector.	Thomas Wm. Dalton.	M.R.San.I., M.S.I.A., Cert. S.I.B., Meat & Food Inspectors' Cert., R.S.I., Sanitary Science Cert. R.S.I. Diploma - Inst. of Hygiene. A.R.P.S. Instructor (First Class)
Additional Sanitary Inspector.	John Gorney.	A.R.San.I., M.S.I.A., Cert. S.I.B.
Senior Health Visitor.	Mrs. D. Linskey.	Health Visitors' Cert., R.S.I., C.M.B., S.R.N.
Assistant Health Visitor.	Miss E. Heslop;	Health Visitors' Cert. R.S.I., C.M.B., S.R.N.
Clerk.	Miss M. Watson.	

ANNUAL REPORT OF THE  
MEDICAL OFFICER OF HEALTH,  
FRANCIS IRVINE,  
FOR THE YEAR ENDING 31st. Dec., 1940.

To the Chairman and Members of the  
Newburn Urban District Council.

Mr. Chairman, Madam and Gentlemen,

I have to submit the Annual Report for the year 1940 on the work of the Health Department. In accordance with Circulars 2067 and 2514, the report is to be brief and confined to essential and urgent matters which have affected the public health during the year. Statistics are to be preserved with a view to the submission of a comprehensive report at the end of the war.

Area (in acres)	4,649
Registrar General's Estimate of Population	19840
No. of Inhabited Houses according to Rate Books	5526
Sum Represented by a Penny Rate	£405.10s.11d.
Rateable Value, March. 31st.	£103,001.

Extracts from Vital Statistics.

	Total.	M.	F.
Live Births (Legitimate)	289.	155.	134.
-do- (Illegitimate)	14.	5.	9.
Stillbirths	14.	5.	9.
Deaths	243.	123.	120.
Birth Rate per 1,000 Population	15.27		
Stillbirths per 1,000 Live & Still Births	46.2		
Death Rate per 1,000 est. average Population	12.24		



Deaths from Puerperal Causes.

	<u>Deaths.</u>	<u>Rate per 1,000 Live &amp; Still Births.</u>
Puerperal Sepsis	-	-
Other Puerperal Causes	2	6.2
Total	<u>2</u>	<u>6.2</u>

Death Rate of Infants under One Year of Age.

All infants per 1,000 live births	42.43
Legitimate infants per 1,000 legitimate live births	30.3
Illegitimate infants per 1,000 illegitimate live births	93.71

Deaths.

Deaths from Cancer - all ages	55
" " Measles - all ages	1
" " Whooping Cough - all ages	-
" " Diarrhoea (under 2 yrs)	1

CAUSES OF DEATH IN THE NEWBORN AREA, 1940.

<u>Causes of Death.</u>	<u>Male.</u>	<u>Female.</u>
All Causes	123	120
1. Typhoid, and ParaTyphoid.	-	-
2. Cerebro-Spinal Fever.	1	1
3. Scarlet Fever.	1	-
4. Whooping Cough	-	-
5. Diphtheria.	-	-
6. Tuberculosis of Respiratory System.	7	4
7. Other Forms of Tuberculosis.	4	1
8. Syphilitic Diseases	1	1
9. Influenza.	1	2
10. Measles	1	-
11. Acute Polio-myelitis	-	-
12. Acute Infectious Encephalitis	-	1
13. Cancer	21	14
14. Diabetes	1	2
15. Intra-cran; vasc. lesions	19	21
16. Heart Disease	15	25
17. Other Diseases of Circulatory System	3	-
18. Pneumonitis	6	13
19. Pneumonia	5	1
20. Other Respiratory Diseases	3	1
21. Ulcer of Stomach or Duodenum	2	2
22. Diarrhoea under 2 yrs.	-	1
23. Appendicitis	-	-
24. Other Digestive Disease	4	4
25. Nephritis	3	4
26. Puerperal Sepsis	-	-
27. Other Maternal Causes	-	2
28. Premature Birth	1	6
29. Congenital Debility, Malformations, etc.,	-	2
30. Suicide	1	-
31. Road Accident	4	-
32. Other Violent Causes	3	2
33. All Other Causes	11	10



## Section B.

- (1) Public Health Officials - see page 2.
- (11) (a) Laboratory facilities remain the same as in former years.
- (b) Ambulance service - this service remains the same as last year.
- (c) Nursing in the home is controlled by the Northumberland County Council.
- (d) The only treatment centre controlled by this authority is the Sun-ray Clinic.
- (e) There are no hospitals in the area with the exception of the Infectious Diseases Hospital, Tellington, administered by the West Northumberland Joint Hospital Board of which Board this Council is a constituent member.
2. (Medical Officers of Health of Counties and County Boroughs only).
3. Maternity and Child Welfare.

The whole of the pre-war Maternity and Child Welfare Services were resumed in April. An air raid shelter has been constructed in connection with the Council's Maternity and Child Welfare Centre at Throckley.

Sections C, D and E - see Chief Sanitary Inspector's Report.

## Section F.

Prevalence of and control over Infectious and Other Diseases. The following table gives the numbers and age groups of the cases of Infectious Disease notified during the year. The notifications include 15 cases of Epidemic Cerebro Spinal Fever, 286 cases of Measles and 40 cases of Pneumonia.

[illegible]



Tuberculosis.

During the year 34 new cases have been notified, 23 pulmonary and 11 non-pulmonary.

The following table shows the age distribution of the 34 new cases and of the deaths of persons certified to be due to tuberculosis.

TUBERCULOSIS - 1940.

AGE PERIODS.	CASES NOTIFIED.				DEATHS.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1	-	-	-	-	-	-	-	-
1 to 5	1	1	2	1	-	-	1	1
5 to 15	3	1	4	3	-	-	2	-
15 to 25	3	3	-	1	1	1	1	-
25 to 35	3	3	-	-	3	3	-	-
35 to 45	2	1	-	-	1	-	-	-
45 to 55	-	1	-	-	-	-	-	-
55 to 65	1	-	-	-	1	-	-	-
65 & over	-	-	-	-	1	-	-	-
Totals	13	10	6	5	7	4	4	1

FRANCIS IRVINE,

MEDICAL OFFICER OF HEALTH.

September, 1941.



NEWBURN URBAN DISTRICT COUNCIL.REPORT OF CHIEF SANITARY INSPECTOR, FOR THE YEAR 1940.

To Dr. Francis Irvine, M.B., C.M.,

Sir,

I beg to submit to you my Annual Report for the year ending December 31st, 1940.

Housing.

Only complaints respecting housing matters were dealt with during the year. Owing to difficulties in obtaining material and labour it is extremely difficult to get the work carried out.

Water There is no change in the water supply of the district.

Drainage and Sewerage No change has been made in the drainage or sewerage systems during the year.

Closest Accommodation

The closet accommodation remains substantially the same as at the end of 1939.

Collection and Disposal of Refuse.

The refuse collection and disposal is carried out by the Surveyors Department.

Sanitary Inspection of District.

Every effort has been made to carry out the usual routine inspections but with the additional work owing to the war, the pre-war standard has not been maintained.

Meat and Food Inspection.

Apart from visits to Butchers' shops and the Central Meat Distribution Depot no meat inspection has been carried out as the animals are slaughtered and inspected in Newcastle.

The following meat has been condemned and surrendered:-

2 Beasts' Heads.  
6 lb. Tin Corned Beef.  
5 lbs. Bacon.

Milk Supply.

The sampling of milk was continued as far as possible. The following statement shows the number of examinations carried out:

	<u>Local.</u>	<u>Produced outside area.</u>
No. of samples collected	34	37
Samples examined by		
Meth. Blue Reduction Test	34	25
Samples examined for B. Coli	34	25
" " Tubercle		
Bacilli	16	12

Methylene Blue Reduction Test.

Of the 34 samples produced in the district 27 or 79% were satisfactory.  
Of the 25 samples produced outside the district 18 or 72% were satisfactory.

B. Coli.

Of the 34 samples produced in the district 30 or 88% were satisfactory.  
Of the 25 samples produced outside the area 19 or 76% were satisfactory.



Tubercle Bacilli.

16 samples of milk produced in the district were examined of which 2 were positive.

12 samples of milk produced outside the area were examined of which 1 was positive.

Sterilized Milk.

4 samples of sterilized milk were obtained during the year, the plates of the samples were sterile.

2 of these samples were submitted for biological examination for Tubercle Bacilli and both were negative.

Tuberculin Tested Milk.

2 samples were obtained and both conformed with the prescribed standard. Both samples gave negative results when submitted to the biological test for Tubercle Bacilli.

Pasteurised Milk.

8 samples of Pasteurised Milk were obtained and all conformed with the prescribed standard.

Eradication of Bed Bugs.

The same steps were taken as in previous years.

Public Health Propaganda.

The scheme of Public Health Propaganda was continued throughout the year.

Billeting.

This area is classed as a "Neutral Area" and during the year 158 persons have been billeted within the area.

T. W. Walton,

Chief Sanitary Inspector.

September, 1941.